

DUTY STATEMENT

Classification: Electric Generation System Specialist I	Position No. 8100-4841-023 (Vacant)
CBID: R09	Office: Supply Analysis Office
Date Prepared: March 29, 2019	Division: Energy Assessments Division
KEY: (E) IS ESSENTIAL, (M) IS MARGINAL	

CONFLICT OF INTEREST STATEMENT

This position is designated under the Conflict of Interest Code: YES ☒ NO ☐

If yes, this position is responsible for making or participating in the making of governmental decisions that may potentially have a material effect on personal financial interests. The appointee is required to complete Form 700 within 30 days of appointment, which identifies pertinent personal financial information.

Under the general supervision of the Electric Generation System Specialist III in the Supply Analysis Office (SAO) within the Energy Assessments Division (EAD), the incumbent will perform or direct complex engineering and economic analyses regarding the electricity system market and electricity system operations at the full journey working level. Analysis performed by the incumbent provides decision-makers and the public with timely, useful information and objective analyses of electricity systems, markets, and issues. The incumbent may serve as a project lead over other technical and analytic staff.

DUTIES AND RESPONSIBILITIES:

PERCENTAGE OF TIME PERFORMING DUTIES	INDICATE THE DUTIES AND RESPONSIBILITIES ASSIGNED TO THE POSITION AND THE PERCENTAGE OF TIME SPENT ON EACH. GROUP RELATED TASKS UNDER THE SAME PERCENTAGE WITH THE HIGHEST PERCENTAGE FIRST; PERCENTAGE MUST TOTAL 100%.
35%	Using public, commercial, and confidential datasets, the incumbent collects and reviews electricity system data to ensure it's the data needed and prepares the data to input, update, and refine the SAO's production cost model for analysis of electricity systems in California and the West,. Electricity system data collected includes, but is not limited to, information related to electricity generation resources, fuels used to generate electricity, the transmission system, energy demand, and other system characteristics for California's electricity system, as well as the Western Electricity Coordinating Council system. Identifies, recommends and implements engineering and operation assumptions to be represented in the prepared data, and evaluates the impacts of those assumptions on model results. Contacts and works with internal and external electricity system experts to understand the available data and appropriate interpretation of the data. (E)
25%	Performs analysis of current and future electricity system markets and electricity system operations in the preparation of studies, reports, papers, and presentations. Synthesizes and communicates complicated information in a simple consumer-friendly manner. Prepares reports, testify at workshops/hearings, and makes presentations to staff, management, and the public on issues associated with electricity market developments. (E)
15%	Reviews and analyzes integrated resource plans and procurement filings pertaining to local publicly owned electric utilities as required by statute. Prepares

WORKING CONDITIONS: Work is performed indoors in an office setting under fluorescent lighting. Regular and consistent attendance is essential to the successful performance in this position. Some travel may be required to attend off-site meetings or to participate in workshops and hearings. Additional hours beyond an eight-hour workday or forty-hour workweek may occasionally be required.